CLAIMS

What is claimed is:

1. A method for collecting a time based stream of information in a processing system for generating a presentation, the method comprising:

   A) communicating with an information source having a time based stream of information;

   B) presenting capture information from the time based stream of information on a portion of a display;

   C) presenting process information for constructing the presentation on the display; and

   D) presenting at least one enabled control element.

2. The method of claim 1, further including capturing the time based stream of information from the information source.

3. The method of claim 2, wherein the capturing is by an interrupt procedure.

4. The method of claim 3, wherein the interrupt procedure iterates at the same rate or substantially the same rate as the transfer rate of the time based stream of information.

5. The method of claim 1, wherein at least one of the enabled control element is to edit the information.

6. The method of claim 1, wherein at least one of the enabled control elements is to perform side operations.

7. The method of claim 1, wherein at least one of the enabled control elements is an output control.

1   8.   The method of claim 1, wherein the capture information includes a capture

2   output presented at the same rate or substantially the same rate as the transfer

3   rate for the time based stream of information.

4   9.   The method of claim 1, further including presenting an edit output on the same

5   portion of the display for presenting of capture information.

6   10. The method of claim 1, wherein the presenting of capture information is

7   automatic in response to the communicating with the information source.

8   11. A processing system for generating a presentation of a time based stream of

9   information, the system comprising:

10   A) a capture port for acquiring the time based stream of information;

11   B) a display device; and

12   C) a processor to:

13   i)   communicate with an information source having a time

14   based stream of information through the capture port;

15   ii)   present capture information from the time based stream of

16   information on a portion of the display device;

17   iii)   present process information for constructing thepresentation

18   on the display device; and

19   iv)   present at least one enabled control element.

20 12. The system of claim 11, wherein the processor is further to capture the time

21   based stream of information from the information source.

22 13. The system of claim 12, wherein the capturing is by the processor executing

23   an interrupt procedure.

24 14. The system of claim 13, wherein the interrupt procedure iterates at the same

25   rate or substantially the same rate as the transfer rate of the time based stream

26   of information.

1   15.   The system of claim 11, wherein at least one of the enabled control elements is
2   to edit the information.

3   16.   The system of claim 11, wherein at least one of the enabled control elements is
4   to perform side operations.

5   17.   The system of claim 11, wherein the capture information includes a capture
6   output presented the same rate or at substantially the same rate as the transfer
7   rate for the time based stream of information.

8   18.   The system of claim 11, wherein the processor is further to present an edit
9   output on the same portion of the display for presenting the capture
10   information.

11 19.   The system of claim 11, wherein the presenting of capture information is
12   automatic in response to the communicating with the information source.

13 20.   The processing system for collecting a time based stream of information to
14   generate a presentation comprising:

15   (i)   means for communicating with an information source having a
16   time based stream of information;

17   (ii)   means for presenting capture information from the time based
18   stream of information on a portion of the display device;

19   (iii) means for presenting process information for constructing the
20   presentation on the display device; and

21   (iv)   means for presenting at least one enabled control element.

22 21.   The system of claim 20, further including a means for capturing the time based
23   stream of information from the information source.

24 22.   The system of claim 21, wherein the means for capturing is by executing an
25   interrupt procedure.

1   23.   The system of claim 22, wherein the interrupt procedure iterates at the same or
2   substantially the same rate as the transfer rate of the time based stream of
3   information from the information source

4   24.   The system of claim 20, wherein at least one of the enabled control elements is
5   to edit the information.

6   25.   The system of claim 20, wherein at least one of the enabled control elements is
7   to perform side operations.

8   26.   The system of claim 20, further including a means for presenting an edit
9   output on the same portion of the display for presenting the capture
10   information.

11 27.   The system of claim 20, wherein the presenting of capture information is
12   automatic in response to the communicating with the information source

13 28.   A computer readable medium having stored therein a plurality of sequences of
14   executable instructions, which, when executed by a processing system for
15   collecting a time based stream of information and generating a presentation,
16   cause the processor to:

17   A)   communicate with an information source having a time based
18   stream of information;

19   B)   provide capture information from the time based stream of
20   information on a portion of a display;

21   C)   provide process information for constructing the presentation
22   on the display; and

23   D)   provide at least one enabled control element.

24 29.   The computer readable medium of claim 28, further including additional
25   sequences of executable instructions, which, when executed by the processor,
26   cause the processor to capture the time based stream of information from the
27   information source.

1   30.   The computer readable medium of claim 28, wherein the capturing is by an
2   interrupt procedure.

3   31.   The computer readable medium of claim 30, wherein the interrupt procedure
4   iterates at the same or substantially the same rate as the transfer rate of the
5   time based stream of information.

6   32.   The computer readable medium of claim 28, wherein the wherein at least one
7   of the enabled control element is to edit the information.

8   33.   The computer readable medium of claim 28, wherein the at least one of the
9   enabled control elements is to perform side operations.

10   34.   The computer readable medium of claim 28, wherein the capture information
11   includes a capture output provided at the same rate or substantially the same
12   rate as the transfer rate for the time based stream of information.

13   35.   The computer readable medium of claim 28, further including additional
14   sequences of executable instructions, which, when executed by the processor,
15   cause the processor to provide an edit output on the same portion of the
16   display for presenting the capture information.

17   36.   The computer readable medium of claim 28, wherein the presenting of capture
18   information is automatic in response to the communicating with the
19   information source.

20   37.   A method for collecting a time based stream of information in a processing
21   system for generating a presentation, the method comprising:

22   A)   detecting an information source having a time based stream of
23   information in communication with the processing system, and

24   B)   automatically presenting capture information from the time
25   based stream of information on a display in response to the
26   detecting.

38. The method of claim 37, further including automatically checking for the information source in communication with the processing system.

39. The method of claim 37, wherein the detecting is by receiving a signal from the information source through a capture port on the processing system.

40. The method of claim 37, further including capturing the time based stream of information from the information source.

41. The method of claim 37, wherein the capture information includes a capture output provided at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

42. A processing system for generating a presentation of a time based stream of information, the system comprising:

    A)   a capture port for acquiring the time based stream of information;

    B)   a display device; and

    C)   a processor to

        i)   detect an information source having a time based stream of information in communication with the processing system, and

        ii)   automatically present capture information from the time based stream of information on a display in response to detecting.

43. The system of claim 41, wherein the processor is further to automatically check for the information source in communication with the processing system.

44. The system of claim 41, wherein the detecting is by receiving a signal from the information source through a capture port on the processing system.

45. The system of claim 41, wherein the processor is further to capture the time based stream of information from the information source.

46. The system of claim 41, wherein the capture information includes a capture output provided at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

47. The processing system for collecting a time based stream of information to generate a presentation comprising:

    A) means for detecting an information source having a time based stream of information in communication with the processing system, and

    B) means for automatically presenting capture information from the time based stream of information on a display in response to detecting.

48. The system of claim 47, further including a means for automatically checking for the information source in communication with the processing system.

49. The system of claim 47, wherein the detecting is by receiving a signal from the information source through a capture port on the processing system.

50. The system of claim 47, further including a means for capturing the time based stream of information from the information source.

51. The system of claim 47, wherein the capture information includes a capture output provided at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

52. A computer readable medium having stored therein a plurality of sequences of executable instructions, which, when executed by a processing system for collecting a time based stream of information and generating a presentation, cause the processor to:

    A) detect an information source having a time based stream of information in communication with the processing system, and

B)   automatically present capture information from the time based stream of information on a display in response to detecting.

53.   The computer readable medium of claim 52, further including additional sequences of executable instructions, which, when executed by the processor, cause the processor to automatically check for the information source in communication with the processing system.

54.   The computer readable medium of claim 52, wherein the detecting is by receiving a signal from the information source through a capture port on the processing system.

55.   The computer readable medium of claim 52, further including additional sequences of executable instructions, which, when executed by the processor, cause the processor to capture the time based stream of information from the information source.

56.   The computer readable medium of claim 52, wherein the capture information includes a capture output provided at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

57.   A method for generating a presentation of a time based stream of information in a processing system, the method comprising:

A)   capturing the time based stream of information from an information source into the processing system during a capture mode;

B)   presenting a capture output on a viewing portion of a display during the capture mode; and

C)   presenting an edit output on the viewing portion of the display during an edit mode.

58. The method of claim 57, wherein the presenting of the capture output is at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

59. The method of claim 57, further including providing at least one enabled control element during the capture mode and edit mode.

60. The method of claim 59, wherein at least one of the enabled control element includes a control element perform side operations.

61. A processing system for generating a presentation of a time based stream of information, the system comprising:

A)   a capture port for acquiring the time based stream of information;

B)   a display device; and

C)   a processor to:

i)   capture the time based stream of information from an information source into the processing system during a capture mode;

ii)   present a capture output on a viewing portion of a display during the capture mode; and

iii)   present an edit output on the viewing portion of the display during an edit mode.

62. The system of 61, wherein the presenting of the capture output is at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

63. The system of claim 61, wherein the processor is further to provide at least one enabled control element during the capture mode and edit mode.

64. The system of claim 63, wherein at least one of the enabled control element is to perform side operations.

1   65.   A processing system for collecting a time based stream of information to

2   generate a presentation comprising:

3   A)   means for capturing the time based stream of information from

4   an information source into the processing system during a

5   capture mode;

6   B)   means for presenting a capture output on a viewing portion of a

7   display during the capture mode; and

8   C)   means for presenting an edit output on the viewing portion of

9   the display during an edit mode.

10   66.   The system of claim 65, wherein the means for presenting the capture output is

11   for presenting at the same rate or substantially the same rate as the transfer rate

12   for the time based stream of information.

13   67.   The system of claim 65, further including a means for providing at least one

14   enabled control element during the capture mode and edit mode.

15   68.   The system of claim 67, wherein at least one of the enabled control element is

16   to perform side operations.

17   69.   A computer readable medium having stored therein a plurality of sequences of

18   executable instructions, which, when executed by a processing system for

19   collecting a time based stream of information and generating a presentation,

20   cause the processor to:

21   A)   capture the time based stream of information from an

22   information source into the processing system during a capture

23   mode;

24   B)   present a capture output on a viewing portion of a display

25   during the capture mode; and

26   C)   present an edit output on the viewing portion of the display

27   during an edit mode.

70. The computer readable medium of claim 69, wherein the presenting of the capture output is at the same rate or substantially the same rate as the transfer rate for the time based stream of information.

71. The computer readable medium of claim 69, further including additional sequences of executable instructions, which, when executed by the processor, cause the processor to provide at least one enabled control element during the capture mode and edit mode.

72. The computer readable medium of claim 71, wherein at least one of the enabled control element is to perform side operations.

73. A method of collecting a time based stream of information from an editing window in a processing system, the method comprising:

   A) detecting the coupling of an information source to the processing system, and

   B) automatically engaging a capture mode.

74. The method of claim 73, further including presenting a captured time based stream of information in the editing window.

75. The method of claim 73, wherein the editing window includes a toggle control element to switch between capture and edit mode within the editing window.

76. A processing system for collecting a time based stream of information from an editing window, the system comprising:

   A) a capture port for acquiring the time based stream of information;

   B) a display device; and

   C) a processor to:

      i) detect the coupling of an information source to the processing system, and

      ii) automatically engage a capture mode.

1 77. The system of claim 76, wherein the processor is further to present a captured
2 time based stream of information in the editing window.

3 78. The system of claim 76, wherein the editing window includes a toggle control
4 element to switch between capture and edit mode within the editing window.

5 79. A processing system for collecting a time based stream of information from an
6 editing window comprising:

7 A) a means for detecting the coupling of an information source to the
8 processing system, and

9 B) a means for automatically engaging a capture mode.

10 80. The system of claim 79, further including a means for presenting a captured
11 time based stream of information in the editing window.

12 81. The system of claim 79, wherein the editing window includes a toggle control
13 element to switch between capture and edit mode within the editing window.

14 82. A computer readable medium having stored therein a plurality of sequences of
15 executable instructions, which, when executed by a processing system for
16 collecting a time based stream of information and generating a presentation,
17 cause the processor to:

18d A) detect the coupling of an information source to the processing
19 system, and

20 B) automatically engage a capture mode.

21 83. The computer readable medium of claim 82, further including additional
22 sequences of executable instructions, which, when executed by the processor,
23 cause the processor to present a captured time based stream of information in
24 the editing window.

1   84.   The computer readable medium of claim 82, wherein the editing window

2   includes a toggle control element to switch between capture and edit mode

3   within the editing window.